

# Technical data sheet · LÜTZE ELECTRONIC (C) PLTC PVC with UL/CE/PTLC Approvals



Flexible electronic cable · Shielded

<b>Identification</b>	Type	LIY(C)Y (3×AWG20) UL/CE/PLTC
	Part-No.	A3132003

## Use/Application/Characteristics

Application	<ul style="list-style-type: none"> <li>• <b>Double shielded industrial grade PLTC</b> electronic cable for machine tools, process instrumentation and controls, computer peripherals, HVAC technology, assembly and production lines, low voltage interconnect and other industrial applications including <b>installation in cable trays</b></li> </ul>
Characteristics	<ul style="list-style-type: none"> <li>• Flexible for easy installation</li> <li>• Easy strip design</li> <li>• Color coded conductors</li> <li>• Specially formulated jacket for oil resistance</li> <li>• Premium durability</li> <li>• Extended temperature range</li> <li>• <b>UL listed</b> and <b>NFPA 79</b> compliant</li> </ul>

## Construction

Description	ELECTRONIC (C) PLTC PVC
Number of conductors/cross-section	3×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	5.8 mm
Outer Ø	0.23 inches
Weight	42 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3132003

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Cu-Index 22 Lbs/Mft

## Element 1

Element construction AWG20/3C  
Conductor construction AWG 20 (19/32)  
Conductor AWG conductor  
CU-wire tin-plated  
Conductor category feindrähtig  
Conductor marking black  
red  
white  
Conductor insulation SR-PVC

## overall construction

Drain wire CU-wire tin-plated  
Overall shield Aluminium laminate  
Foil shield  
Braid shield  
Tinned copper wires  
Jacket characteristics Flame-retardant  
Oil resistant  
Silicone-free

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## Technical data

Rated voltage UL 300 V  
Temperature range fixed -25 °C ... +105 °C  
Minimum bending radius fixed 6×D

## Element 1

Element construction AWG20/3C

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## Approvals/Standards

Approvals cULus  
PLTC  
UL Type CM  
cURus  
AWM II A/B  
NEC 725, 760, 800  
Class 1 Div. 2 (PLTC use only)  
UL style AWM 2464  
Conformity CE  
REACH  
RoHS

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Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

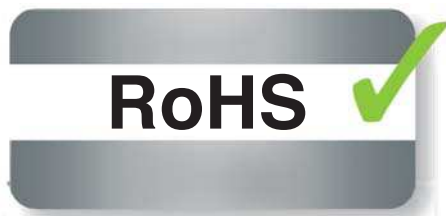
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## General

Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

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## Symbols



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